

# Indian Statistical Institute, Bangalore



#### **About ISI**

Founded by Professor P.C. Mahalanobis in Kolkata on 17th December, 1931, the institute gained the status of an Institution of National Importance by an act of the Indian Parliament in 1959. Presently there are five centres of ISI located in Bangalore, Delhi, Kolkata, Chennai and Tezpur.

In its continual effort to achieve excellence in both postgraduate education and research work, the ISI has earned an international academic reputation in the field of Statistics, Economics Computer and Allied Sciences.

## ISI Bangalore centre

Indian Statistical Institute, Bangalore is an institution well-known for its academic activities in different units-

- The Economic Analysis Unit (EAU)
- Systems Science and Informatics Unit (SSIU)
- Applied Statistics Unit (ASU).

- Statistics and Mathematics Unit (SMU)
- Statistical Quality Control & Operation Research Unit (SQC & OR)
- Documentation Research and Training Centre (DRTC)

# **SQC & OR UNIT**

# Total Students 13 77%

#### **Statistics**

- Statistics I, II
- Probability & Reliability
- Design of Experiment
- Applied Regression Analysis

#### **Machine Learning**

- Pattern Recognition
- Neural Network
- Multivariate Data & Business
   Analytics with R & Python

#### **Operations Research**

- Operations Research I, II
- Non-Linear Dynamic Programming

#### **Quality Management**

- Statistical Process Control I, II
- Six Sigma for Business Excellence
- Total Quality Management
- Project Management
- Quality Audit

# MS QMS (Quality Management Science)

| Student Name      | Previous College              | Previous Degree            |
|-------------------|-------------------------------|----------------------------|
| Archan Karmakar   | RKMV, Belur Math              | B.Sc Mathematics           |
| Roumya Das        | St. Xavier's College, Kolkata | B.Sc Statistics            |
| Parth Shah        | M.S.U, Baroda                 | B.Tech Electrical Eng.     |
| Niladri Sen       | Jadavpur University           | B.E Electrical Eng.        |
| Priyanka Bhutoria | Dyal Singh College, DU        | B.Sc Physical Science (CS) |
| Suresh Kumar      | Hansraj College, DU           | B.Sc Computer Science      |
| Rituraj Ghosh     | IIT, Bombay                   | M.Sc in Energy Sci & Eng.  |
| Govardhan Reddy   | IIT, Delhi                    | B.Tech Electrical Eng.     |
| Ayush Dogra       | IIT, Dhanbad                  | B.Tech Mineral Eng.        |
| Sudipta Rakshit   | NIT, Tiruchirapalli           | B.Tech Chemical Eng.       |
| Md Salman Khan    | St. Xavier's College, Kolkata | B.Sc Mathematics           |
| Juhi Golchha      | ISI, Bangalore                | B.Math                     |
| Anjali            | SRCC, Delhi                   | BA Economics               |





















# **STAT & MATH UNIT**

# M. Math (Mathematics)

**Previous College** 

ISI, Bangalore

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ISI, Bangalore

ISI, Bangalore

ISI, Bangalore

IIT. Guwahati

ISM, Dhanbad

ISI, Bangalore

ISI, Bangalore

SCC, Kolkata

ISI, Bangalore

IIT. Bombay

St. Xavier's College, Kolkata

**MMMC** 

**RKMV**, Narendrapur

Previous Degree

**B.Math** 

**B.Sc Math** 

B.Sc (Hons.)

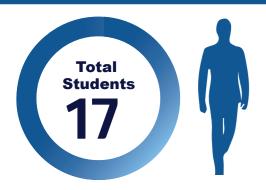
**B.Sc Mathematics** 

**B.Tech Eng. Physics** 

**B.Sc Math** 

B.Tech Mech. Eng.

B.Tech Ele. Eng.



#### **Statistics**

- **Markov Chains**
- **Stochastic Processes**
- Statistics with R
- **Statistical Inference**
- **Applied Regression Analysis**

#### **Analysis courses**

- **Multivariable Calculus**
- **Measure Theory**
- **Complex Analysis**
- **Functional Analysis**
- **Fourier Analysis**
- **Partial Differential Equations**

#### Algebra courses

- Group Theory, Fields Galois Theory
- Algebraic Geometry

#### **Geometry and Topology**

- Differential Topology

#### Other

- Graph Theory
- Number Theory & Elliptic Curves

| • | <b>Advanced</b> | Linear | Algebra |
|---|-----------------|--------|---------|
|   |                 |        | 0       |

- Commutative Algebra
- Representation Theory



#### Differential Geometry

- Topology I, II, III, IV











**Student Name** 

**Jugaad Singh Sohal** 

**Shubham Kumar** 

**Shaibal Karmakar** 

**Shubham Bhardwaj** 

**Arindam Paik** 

**Praful Shankar** 

**Devansh Gupta** 

**Arun Sharma** 

Sagar Gohri

**Risav Kumar** 

**Harsh Nahata** 

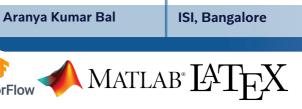
**Aniv Mazumder** 

**Karthik Kannan** 

Avik De

Jainam Khakhra

**Ankit Sen** 



# **SKILLS**

### **DRTC DEPARTMENT**

# **Total Students**

#### **Library Science**

- Information Organization
- Cataloguing and Metadata
- Library Management and Automation
- Digital Libraries
- Information Retrieval
- Scientometrics and Informetrics

#### **Management of Information Systems**

- Data Management
- Content Management Systems
- Web based Information Systems and Services
- Semantic Web
- Knowledge Management

#### **Data Science Electives**

- Statistical Methods
- Data and Text Mining
- Data Analytics
- Big Data: Technology & **Techniques**
- Geographical Information **Systems**
- Business/Corporate **Information Systems**
- Health Informatics

# **MS LIS** (Library & Information Science)

| Student Name     | Previous Degree                | Previous College       |
|------------------|--------------------------------|------------------------|
| Anuj Dev         | M.Tech MicroElectonics & VLSI  | RGPV, Bhopal           |
| E Sweta          | B.Sc CS with Stat-Math         | Bangalore University   |
| Harikrishnan J S | B.Tech EEE                     | University of Kerela   |
| Mayurakshi       | B.Sc Zoology                   | University of Delhi    |
| Nabina Khamaru   | B.Sc LIS with Stat-Math        | University of Calcutta |
| Prashant Kumar   | B.Sc IT                        | TMBU, Bhagalpur        |
| Prashant Yadav   | B.Tech ECE                     | Jamia Hamdard          |
| Prince F O       | B.Tech Mech Eng.               | University of Kerela   |
| Ratna Raj        | B.Sc B.Ed PCM & Education      | Barkatullah University |
| Sanya Agarwal    | B.Com Economics, Comm & Acc.   | MCBU, Bundelkhand      |
| Shakeeb Arzoo    | B.Sc Physics with Stat-Math    | University of Calcutta |
| Supriya Rajak    | B.Sc Zoology                   | University of Kalyani  |
| V Bhuvaneshwari  | B.A English, Media & Sociology | SRM Institute          |

















# **Past Recruiters**





McKinsey & Company





PayPal 4 Walmart Labs

























HSBC TATA DIGITAL













**SIEMENS** 







Honeywell



# **Contact Details**



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# **Placement Representatives**

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M. Math (Mathematics)

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